Please type a plus sign (+) inside this box -U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Attorney Docket No. 549242002300 UTILITY First Inventor Charles E. HEGER PATENT APPLICATION TRANSMITTAL Title DUAL AXIS CAPACITIVE LEVEL SENSOR (Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. EV 332775941 US **Box Patent Application APPLICATION ELEMENTS** ADDRESS TO: Commissioner for Patents See MPEP chapter 600 concerning utility patent application contents. Washington, DC 20231 Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or (Submit an original, and a duplicate for fee processing) Computer Program (Appendix) Nucleotide and/or Amino Acid Sequence Submission Applicant claims small entity status. 8 See 37 CFR 1.27. (if applicable, all necessary) 3. Х Specification [Total Pages 28 Computer Readable Form (CRF) (preferred arrangement set forth below) b. Specification Sequence Listing on: Descriptive title of the invention Cross Reference to Related Applications CD-ROM or CD-R (2 copies); or paper - Statement Regarding Fed sponsored R & D Reference to sequence listing, a table Statements verifying identity of above copies C. or a computer program listing appendix Background of the Invention **ACCOMPANYING APPLICATIONS PARTS** - Brief Summary of the Invention Brief Description of the Drawings (if filed)
 Detailed Description 9. X Assignment Papers (cover sheet & document(s)) - 2 pages - Claim(s) 37 CFR 3.73(b) Statement + ∞py X Power of Attorney - 2 pages Power of 10. Х Abstract of the Disclosure (when there is an assignee) -2 pg 4. X Drawing(s) (35 U.S.C. 113) 14 [Total Sheets 11. English Translation Document (if applicable) Copies of IDS Information Disclosure 5. Oath or Declaration 12. [Total Pages Statement (IDS)/PTO-1449 Citations X Newly executed (original or copy) 13. Preliminary Amendment Return Receipt Postcard (MPEP 503) Copy from a prior application (37 CFR 1.63(d)) 14. Х (for continuation/divisional with Box 18 completed) (Should be specifically itemized) Certified Copy of Priority Document(s) 15. DELETION OF INVENTOR(S) (if foreign priority is claimed) Signed statement attached deleting Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). inventor(s) named in the prior application, 16. Applicant must attach form PTO/SB/35 or its equivalen see 37 CFR 1.63(d)(2) and 1.33(b). 17. Other Application Data Sheet. See 37 CFR 1.76 - 2 pages 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Prior application information: Examiner Group / Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label Correspondence address below Name Address Zip Code City State Telephone Country Registration No. (Attorney/Agent) 33,003 Name (Print/Type) Norman R. Klivans Signature Date

I hereby certify that this correspondence is being d addressed to: MAIL STOP PATENT APPLICAT	leposited with the U.S. Postal Service as Express Mail, Label No. EV 332775941 US, in an envelope ION, Commissione, to Parents, P. Q. Boy 150, Alexandria, VA 22313-1450, on the date shown below.
Dated: July 11, 2003	Signature:(Anthony Soljanich)

PTO/SB/17 (01-03) Approved for use through 04/30/2003. OMB 0651-0032 formation unless it displays a valid OMB control number.

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X Applicant claims small entity status. See 37 CFR 1.27	Ī	Group	Art Ur	nit	Not Yet Assigned	<del></del>			
TOTAL AMOUNT OF PAYMENT (\$) 415.00	ヿ	Attorn	ey Doc	ket No	549242002300				
METHOD OF PAYMENT (check all that apply)	==				CALCULATION (continued)				
Check Credit Money Other None	3. ADDITIONAL FEES								
X Deposit Account Deposit	Large Entity Small Entity								
Account 03-1952	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid			
Deposit Account Morrison & Foerster LLP	1051	130	2051	65	Surcharge – late filing fee or oath				
Name The Commissioner is hereby authorized to: (check all that apply)	1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet.				
	1053	130	1053	130	Non-English specification				
X Charge any additional fee(s) during the pendency of this application	1812	2,520	1812	2,520	For filing a request for ex parte reexamination				
	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action				
to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action				
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month				
	1252	410	2252		Extension for reply within second month				
Foe Foe Foe Foe	1253	930	2253		Extension for reply within third month				
Code (\$) Code (\$) Fee Description Fee Paid	1254	1,450	2254		Extension for reply within fourth month				
	1255	1,970	2255		Extension for reply within fifth month				
	1401 1402	320 320	2401 2402		Notice of Appeal Filing a brief in support of an appeal				
	1403	280	2403		Request for oral hearing				
	1451	1,510	1451		Petition to institute a public use proceeding				
SUBTOTAL (1) (\$) 375.00	1452	110	2452	55	Petition to revive – unavoidable				
30B101AL(1) (4) 373.00	1453	1,300	2453	650	Petition to revive - unintentional				
2: EXTRA OLIMINI ELOT ON OTILITI AND NEIGOOL	1501	1,300	2501	650	Utility issue fee (or reissue)				
Extra Fee from Claims below Fee Paid	1502	470	2502	235	Design issue fee				
	1503	630	2503	315	Plant issue fee				
Independent S $-3 = 0 \times 42 = 0.00$	1460	130	1460	130	Petitions to the Commissioner				
Multiple Dependent 140 = 0.00	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)				
Large Entity Small Entity		180	1806	180	Submission of Information Disclosure Stmt				
code (3) Code (3)	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40.00			
1202 18 2202 9 Claims in excess of 20 1201 84 2201 42 Independent claims in excess of 3	1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))				
1203 280 2203 140 Multiple dependent claims in excess of 3		750	2810	375	For each additional invention to be examined (37CFR 1.129(b))				
1204 84 2204 42 ** Reissue independent claims		750	2801	375	Request for Continued Examination (RCE)				
over original patent 1205 18 2205 9 ** Reissue claims in excess of 20	1802	900	1802	900	Request for expedited examination of a design application				
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SUBTOTAL (2) (\$) 0.00		iced by E	•	ina Fee	Paid SUBTOTAL (3) (\$)	40.00			
**or number previously paid, if greater; For Reissues, see above									

SUBMITTED BY					Complete (	if applicable)
Name (Print/Type)	Norman R. Klivans	100	Registration No. (Attorney/Agent)	33,003	Telephone	(650) 813-5850
Signature	nomak	UW	an		Date	July 11, 2003



Attorney Docket No.: 549242002300

	STATEMENT UNDER 37 CFR 3.73(b)
Entitled: DUAL AXIS CAPACITIVE LEVEL SENSOR  ZIRCON CORPORATION , a comporation (Neme of Assignee) , a permanent states that it is:  1. X the assignee of the entire right, title, and interest; or  2. an assignee of less than the entire right, title and interest. The extent (by, percentage) of its ownership interest is	Applicant/Patent Owner: Charles E. HEGER
ZIRCON CORPORATION (Name of Assignee)  Reper Assignee, e.g., corporation, permanerity, university, government spency, etc.  1.	Application No./Patent No.: Not Yet Assigned Filed/Issue Date: Concurrently Herewith
Type of Assignee, e.g. corporation, pertnership, university, government states that it is:  1.	Entitled:DUAL AXIS CAPACITIVE LEVEL SENSOR
1.	(Name of Assignee) Type of Assignee, e.g., corporation, pertnership, university, government
an assignee of less than the entire right, title and Interest.  The extent (by, percentage) of its ownership Interest is	states that it is:
The extent (by, percentage) of its ownership Interest is	1. x the assignee of the entire right, title, and interest; or
A nassignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reet Frame, or for which a copy thereof is attached.  OR  B. [ ] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:  1. From:	
was recorded in the United States Patent and Trademark Office at Reel Frame or for which a copy thereof is attached.  OR  B.[] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:  1. From: To:	in the patent application/patent identified above by virtue of either:
B. [ ] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:  1. From:	was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.
The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.  2. From: To:	B. [ ] A chain of title from the inventor(s), of the patent application/patent identified above, to the current
Reel, or for which a copy thereof is attached.  2. From:	
2. From:  The document was recorded in the United States Patent and Trademark Office at Reel  Frame  or for which a copy thereof is attached.  3. From:  To:  The document was recorded in the United States Patent and Trademark Office at Reel  Frame  or for which a copy thereof is attached.  [ ] Additional documents in the chain of title are listed on a supplemental sheet.  [ ] Copies of assignments or other documents in the chain of title are attached.  [ ] NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]  The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.  Charles E. HEGER  Typed or printed name  Charles E. HEGER  Typed or printed name	
Reel, Frame, or for which a copy thereof is attached.  3. From:	
3. From:  The document was recorded in the United States Patent and Trademark Office at Reel  Frame  or for which a copy thereof is attached.  [] Additional documents in the chain of title are listed on a supplemental sheet.  [] Copies of assignments or other documents in the chain of title are attached.  [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]  The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.  Charles E. HEGER  Typed or printed name  Signature  Signature  CT 0	
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Charles E. HEGER Typed or printed name  Charles E. HEGER  Typed or printed name  Signature  Signature  CT 0	[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the
Date  Typed or printed name  Church S. Mague  Signature  W TO	The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.
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WEST CTO	Charles & Heger
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